

Agricultural.

Notes on Insects.

THE APPLE TREE GREEN FLY—Aphis medii.—In the opening buds of the apples, particularly those at the points of the branches, will be found a great number of minute green-flies, or plant lice.—They are of a grass-green color, and in common with the rest of their family, obtain their living by puncturing the tender leaves with their sharp suckers, through which they pump up the sap or life-blood of the plant. After the leaves become fully expanded, these live spread themselves over the tender branches and foliage, and when numerous, are very injurious, especially to young trees; for, although they do not eat the substance of the leaf, yet the extract of sap causes the leaves to dry up, wither, and fall off. On old, full-grown trees, these insects are seldom so numerous. Some varieties of the apples are more liable than others to the attacks of the greenfly; this is probably owing to a peculiarity in the taste of the sap, for these little pests are greatly in favor of good living.

When a young tree is badly infested with them, the branches should be well washed with strong soap suds, or tobacco wash, taking care that every root and corner is thoroughly soaked. The flies will immediately drop off and die, or else leave the tree as no longer fit for *Aphis food*.

With large trees, this is difficult to perform. There are insect enemies to the greenfly that aid materially in reducing their numbers. These are the larvæ of various species of Lady-birds—*Coccinellæ*—and flies belonging to *Chrysopa* and other genera that feed on the green flies, soon clearing the leaves of every louse.—A great many small birds, especially the Warblers—*Syntexis*—search for, and feed upon the flies; we have watched them for hours at this business, and have known the same individual frequent a particular bush for more than a week, and then leave because the flies were all destroyed. Some persons think these little birds eat the apple blossoms, but this is not the case. They are really the friends of the orchardist, and protect, instead of destroying the blossoms.

PROFITS OF KEEPING GOOD SHEEP.—Mr. White of Kent county, C. W., writes us: "I have a small flock of Leicesters, 43 in number. Last year I got 249 lbs. of clean-washed wool from the 43 sheep, of which quantity, 7 yearlings gave 93 lbs. From 18 ewes I raised 36 lambs. Now we will estimate the profits of such a flock. The wts. may be estimated to be worth 25 cents per lb., which is about the price it would fetch on the farm, in that country:

269 lbs. of wool at 25 cents per lb. \$69.75

36 lambs at \$2 per head 72.00

Cost of keeping may be estimated at \$120 per head 64.50

Leavings not profit of 37.12

Equal to \$1.80 per sheep, for one year only. In a series of years the profits would be greater. To lamb, when full grown, would be worth \$5 each, and the sheep would probably sell for as much more than cost as would cover the interest on the first outlay.

Bones about the House.—Laving around—scattered here and there about the house and out buildings, of not only farmers, but those who have small gardens from which they expect much—are bones of all sorts and descriptions, giving slovenly looks to the grounds, and to the eye of the economist in Agriculture. An evidence of countless waste. Gather up the bones, take them to your garden, bury them in the earth near your fruit trees; you will win, in your shrubbed bed; thus you will clean up, add to the appearance of your place, and greatly increase the vigor and product of whatever tree or plant has had the use of old bones. Do this now—don't wait, because there is out a few there is enough for one tree; by and by, there will be some from another; then, when up to what is now around you, take care of the bones.

APPLING'S MANURE FOR CORN.—A correspondent of the New England Farmer, who is a manure from a barn cellar, without any admixture of raw, un-given his method of applying it to avoid labor for corn. He spreads it in spring up the ground plowed the previous fall, a the rate of fifteen to eighteen cords per acre, and then give it a thorough harrowing, so as to mix it with the surface soil. Then, just before sowing, he plows the ground to the depth of four to five inches, harrow it and plants the corn. In this way he has raised on an average from sixty to seventy bushels of corn per acre.

AT-HOMES AS MILKERS.—The Springfield Republican says Mr. Braine, of Hampden, Mass., keeps a large herd of shorthorn and Ayrshire cows and gives a decided preference to the latter as milkers. In proportion to the food they eat, he says no breed can surpass them in yield of milk. He has one Ayrshire cow weighing about 800 lbs., that has averaged more than her weight per month in milk since April last, and a two-year-old heifer, the daughter of the above cow, that now milk in milk, and gives 20 lbs. per day.

ADVANTAGES OF SPAYING COWS.—Dr. Dadd, in the American Stock Journal, says that the milk of spayed cows give more cream than ordinary milk, and that the butter made from it is more delicious in taste. The milk is also invaluable for nursing infants. He thinks there is no danger in performing the operation, if skilfully done and the animal put under the influence of opium ether.

COST OF KEEPING SHEEP.—The New England Farmer states that Mr. Eliot of New Hampshire, estimates the costs of keeping sheep at \$15 per annum each, and that each sheep would make half a load of manure during the winter, besides the benefit done to the pasture by the droppings left thereon.

There is this difference between happiness and wisdom: he that thinks himself the happiest man, really is so; but he that thinks himself the wisest, is generally the greatest fool.—[Colon.]

No cause can be served by elation, in which party lines are strictly drawn.

Truth, like light, travels straight lines, noiselessly; and will surely open the eyes of all upon whom it dawns.

It is exceedingly bad husbandry to harrow up the feelings of your wife.

Talk about the Available Man for the Chicago Nomination.

We make the following extracts from a letter received from an occasional correspondent at Washington, whom we know to be well informed and perfectly candid:

"Among those who are most prominently spoken of among the Republicans, as most available for the Chicago nomination, are Judge McLean and Senator Ben Wade—Pennsylvaniæ, and N. W. Jersey look strongly to McLean. The North western men are casting their vote. Wade is getting very favorable on account of the place in his last speech, and that which he generally exhibits. He is the most popular man in the Senate—everybody likes him. Douglas says he will be the candidate. Says he has just fit and out, and adds: 'He will be damned hard to beat.' John H. Kimball says Pennsylvania could not be carried for Clay. This is the general opinion of the genuine and Lecompton men. Joe Lane is just now regarded as the man at Charleson. But in a week it may be somebody else. The two wings of the Democracy are very bitter toward each other. Judge McLean is regarded as a very safe man. It is said he can surely carry Pennsylvania and New Jersey."

ED PROPHET AND APOSTLE can only be rightly understood by prophet and apostle.—[H. W. Emerson.]

ED You may say to a monk, why did you not struggle?—but is not the seduction of a woman always a sublime strife?—[Balzac.]

ED Muriel has rarely risen of itself, but a pebble or a twig is often quite sufficient for it to spring to the highest ascent.—[Lan.]

ED Were there but one virtuous man in the world, he would hold up his head with confidence* and honor; he would shew the world, and not the world him.—[South.]

ED We are unable as well as unwilling to connect the feeling of high intellect with low moral sentiment; the persons who have the machine now, use and claim its value as an article which should be in every home.—[Mudge's Patent Washing Machine.]

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ED Wagons and Buggies,—**ED Carriages and Buggies;**—Painted and Trimmed, and all kinds of Repairs done at short notice.

E. M. WINTER, April 21, 1859—3117

MORRIS, JONES & CO., IRON AND STEEL MERCHANTS, Market and Sixteenth Streets, PHILADELPHIA.

ED Ween hand, and offer for sale, large stocks of Swede Iron, Norway Nail Rods, Plough Steel, and other articles specially suited to the Western Market. November 19, 1859—6292

JOHN BAUGHMAN HAS REMOVED HIS BOOT AND SHOE STORE, To the Room formerly occupied by Dr. Lynch, on Columbus Street—West Side, opposite door of T. Tallmadge's Building, where he will remain.

ED KEP is constantly on hand, and has factor's order, over article in 51 lines, from children's Shoe to Men's Shoe, Herreshoff's Kid Friends and the public. Lancaster, April 13, 1859—513

HOSTETTER'S STOMACH BITTERS.

The proprietors and manufacturers of HOSTETTER'S CELEBRATED STOMACH BITTERS can appear with perfect confidence to physicians and citizens generally of the United States, because the article has maintained a reputation before unknown. A few facts point this will speak more powerfully than any volume of words in behalf of the advertising agency.

THE HAMPTON FARMER.—A monthly newspaper containing full information concerning the affairs of the Union, in the town of Hampton, New Jersey, can be subscribed for at only 25 cents per annum, and postage paid by the postmaster for stamp on the amount. Address Editor of the Farmer, Hampton Post Office, Hunterdon County, New Jersey. Those washing cheap land of the best quality, in ones or the smallest and most convenient plots, will find it a great convenience to purchase it from Mr. H. H. HARRIS, of Hampton, P. O., Atlantic County, N. J., 200 South Fifth Street, Philadelphia, and will be furnished with a map.

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